

**PRE-BID CONFERENCE – MEETING MINUTES
BOONE COUNTY
KY 536 WIDENING
(From 1500 ft. West of US 42 TO I-75)
CID#: 161263
October 17, 2016**

The meeting was convened at approximately 9:30 AM (Eastern Time) by Carol Callan Ramler (KYTC D-6 - Project Manager).

Ms. Ramler opened the meeting and asked that each individual at the meeting introduce themselves.

Ms. Ramler emphasized that all prospective bidders must sign the sign in sheet in order to place a bid for the subject project.

Ms. Ramler delivered a brief overview and description of the subject project and informed the audience that the project contained multiple special notes including, but not limited to, special notes for intelligent compaction and a Historical Gate.

Ms. Ramler then asked Tony Blau (KYTC D-6 -- Utility Section) to discuss utilities involved with the project.

- Mr. Blau began by discussing the gas line relocations contained in the project. Mr. Blau stated that the gas relocation plans did not include profiles for the relocation, instead the contractor would be expected to construct the pipe with the amount of cover specified by the Duke energy specifications included in the contract documents. Mr. Blau also indicated that the gas relocation plans included conflict tables where the standard amount of cover would need to be altered, in addition he pointed out that the conflict tables did not include other utilities and he hoped that information would be available at a later date. The Duke Energy Gas representative spoke about the gas relocation and stated that the contractor would be expected to submit a plan / schedule of gas tie-ins so that the number of tie-ins could be limited and so that they could be scheduled during times of low usage (i.e. late spring or summer). He also pointed out that Duke Energy crews would be performing all tie-ins for the gas mains and would require at least 2 weeks' notice. He also stated that some of the old gas pipe on the west end of the project may be coated in material containing asbestos and Duke Energy Gas will be doing the testing to determine if asbestos is present. If it is present - removal and remediation of the pipe will be completed by Duke Energy Gas.
- Mr. Blau next discussed the water line relocations contained in the project. Mr. Blau concluded there was nothing specific to note regarding the water line relocation and also noted that a representative from the water company was not present.

- Mr. Blau next discussed the sanitary sewer line relocations contained in the project. Mr. Blau concluded there was nothing specific to note regarding the sanitary sewer line relocation and also noted that a representative from the SD1 was present. The SD1 representative did not wish to add anything of specific note.

Mr. Blau then asked Robert Franxman (KYTC D-6 -- Branch Manager for Construction) to discuss some contract notes regarding the relocation of utilities that will not be constructed by the successful roadway contractor.

- Mr. Franxman indicated that the contract utility impact note contains language indicating that relocation of the facilities owned by Duke Energy (Electric), Cincinnati Bell Telephone and Charter Communications (Cable TV) is expected to be complete by August 1, 2017. Mr. Franxman also indicated that in the event this date is not met, monetary claims will not be considered for any delays incurred before or after the estimated date of August 1, 2017. Mr. Franxman also stated that the contractor should evaluate the possibility for delays and in turn bid any costs (including delay costs) related to the coordination and cooperation with these utility companies under the bid item for "General Utility Coordination."
- Mr. Franxman indicated that the project is a working day contract; and, while monetary delay claims will not be considered, KYTC does intend that working days will not be charged for those days when the road contractors cannot perform work on the controlling operation due to conflicting work, or incomplete infrastructure relocations, being performed by Duke Energy (Electric), Cincinnati Bell Telephone and Charter Communications (Cable TV).
- Mr. Franxman indicated that the information presented by the Utility Companies should not be construed as alterations to the information presented in the contract documents. The information presented by the utility companies should be considered a status update of where they currently stand in the process. Bidding contractors may use the current information and timeline projections while evaluating the possibility of utility delays and their subsequent bid amount for the "General Utility Coordination" bid item.

Robert Yeager (KYTC D-6 -- Acting Chief District Engineer and Branch Manager for Project Development) spoke to the audience and indicated that the successful contractor would not need to leave the project site vacant until the utility relocations were complete. He further stated that the successful contractor team would be able to work concurrently alongside the utility contractors and he hoped that open and upfront communication would lead to increased coordination and cooperation that would allow the project to successfully move forward during the utility relocations being performed by Duke Energy (Electric), Cincinnati Bell Telephone and Charter Communications (Cable TV).

Mr. Franxman asked the individual utility companies to provide a status update as to where they currently stand in their relocation process.

- A representative from Duke Energy (Electric) indicated that the design of their new system was basically complete. At this time they are finishing details such as pole lengths, pole depths, anchor locations and etc. She indicated that Duke Energy crews are expected to perform the work and that design should be complete and a work order issued by the end of 2016. She indicated that work should be expected to begin by the end of February, 2017, or first part of March, 2017. She indicated that the work for Duke Energy (Electric) could be expected to last approximately 3 months and should conclude by June 1, 2016.
- A representative from Cincinnati Bell Telephone indicated that they are working closely with Duke Energy (Electric) and their timeline for completion of design and issuance of a work order mirrors that of Duke Energy (Electric). They expect to work concurrently with Duke Energy (Electric) wherever possible; however, there may be as much as 8 weeks of work that must occur after Duke Energy (Electric) is complete. The Cincinnati Bell Telephone representative then stated that demolition of the existing system should take possibly 2 weeks once the entire new Cincinnati Bell Telephone system is operational. He concluded by stating that they anticipate being complete with their work by the August 1, 2017, date identified in the contract documents.
- A representative from Charter Communications (Cable TV) was not present. However, KYTC D-6 staff indicated that the work to be performed by Charter Communications should directly follow the work of Duke Energy (Electric). In addition, KYTC D-6 staff indicated that the amount of work for Charter Communications (Cable TV) is minor compared to Duke Energy (Electric) and Cincinnati Bell Telephone. Lastly, KYTC D-6 staff indicated that Cable TV relocations in District 6 have not historically been a problem.

Mr. Blau instructed the audience that the bid prices for the gas line relocation items are being frozen on this contract. A "Gas Utility Coordination" item is provided in the contract for consideration by the road contractor. This item is provided, if needed, as compensation for any additional coordination to accommodate the inclusion of gas utility work with the roadway construction. The road contractor can freely bid this item to include all costs related to relocation of the gas lines that are not covered by the specific items for the gas line relocation.

The floor was opened to questions regarding utilities:

- Question: How will working days be charged if the critical path item is affected by utility relocations being performed by Duke Energy (Electric), Cincinnati Bell Telephone and Charter Communications (Cable TV)?
 - Answer: The work item considered most critical to project completion should be considered the controlling operation for the project. If the successful contractor can't work on that item due utility relocations being performed by Duke Energy (Electric),

Cincinnati Bell Telephone and Charter Communications (Cable TV); then a work day will not be charged.

- Question: Will the successful contractor be expected to perform grading work for the utility relocations being performed by Duke Energy (Electric), Cincinnati Bell Telephone and Charter Communications (Cable TV)?
 - Answer: None that Duke Energy (Electric), Cincinnati Bell Telephone and Charter Communications (Cable TV) are aware of at this point. However; removal of vegetation from the R/W and easements will be necessary in order for the utility relocations being performed by Duke Energy (Electric), Cincinnati Bell Telephone and Charter Communications (Cable TV) to be completed.
- Question: How will over-runs of the individual gas line relocation items be handled in relation to the bid item for "Gas Utility Coordination"?
 - Answer: Over-runs of the individual gas line items will be paid at the contract unit price. Significant over-runs should only be expected in the event of contract plan omissions or alterations. If significant over-runs or different items are added, the additional work shall be performed by supplemental agreement.
- Question: If the utility relocations being performed by Duke Energy (Electric), Cincinnati Bell Telephone and Charter Communications (Cable TV) are complete prior to the August 1, 2017, date identified in the contract, will the successful contractor still receive the amount bid under the "General Utility Coordination" bid item?
 - Answer: Yes, this item will be paid to the successful contractor no matter when the utility relocations being performed by Duke Energy (Electric), Cincinnati Bell Telephone and Charter Communications (Cable TV) are complete.

Mr. Franxman indicated that there is a resurfacing project along KY 536 that partially encompasses the roadway reconstruction project. He indicated that KYTC D-6 staff will evaluate the limits of the resurfacing project and alter them as appropriate. However; the successful contractor for this roadway construction project shall expect to coordinate work with the resurfacing contractor.

Ms. Ramler shared that included with the roadway project (and quantities) is resurfacing for existing roadway segments that remain upon project completion. The resurfacing of these segments is part of a Memorandum of Understanding that the KYTC has with the City of Union. The segments are identified on the Typical Sections, Sht. R2g.

Ms. Ramler shared that the project includes the construction of signals as part of the project. This includes the intersection of new KY 536 with US 42, Wetherington Blvd., Hempsteade Dr., and Gunpowder Rd.

Ms Ramler suggested that as the contractors develop their maintenance of traffic plans that they give consideration to early relocation of Highland Drive and Tiburon North to their new alignments. This is not a requirement of the plans, only a suggestion. The suggestion is based on high KY 536 traffic volumes and that Highland and Tiburon are close to the I-75 Interstate interchange. Managing traffic in a construction zone might be easier if the approaches are consolidated sooner versus later.

Sharon James (KYTC D-6 -- Environmental Coordinator) spoke about environmental factors on the project.

Members of the consultant design team raised several issues:

- Issue: A representative from the consultant design team pointed out that waste areas may have been pre-approved during project development.
 - KYTC Response: KYTC D-6 staff will research information regarding pre-approved waste areas. Bidding contractors should not construe this information to mean KYTC has designated waste areas for the project. The contract documents do not specify any waste areas and do not allude to any areas that may be acceptable for placement of excess material. If KYTC does have information regarding feasibility of waste sites for the project, the information will be placed under project related information on the KYTC Construction Procurement website
- Issue: A representative from the consultant design team indicated that a special note for “Bridge Barrier Retrofit” was not included in the contract proposal. An unofficial copy of the special note was distributed to the audience.
 - KYTC Response: KYTC acknowledges that the special note and subsequent bid item were not included in the contract proposal. An addendum will be issued in order to add all relevant information for the “Bridge Barrier Retrofit” to the project.

Mr. Franxman reminded all in attendance that the information provided in the pre-bid meeting was not binding to the contract. Bidding contractors must bid according to the information presented in the contract documents. Bidding contractors are reminded that questions about the contract documents can be asked on the KYTC Construction Procurement website.

The meeting was adjourned at approximately 11:00 AM.

KYTC PRE-BID MEETING

10/17/2016 9:30

6-158.00

MT. ZION ROAD

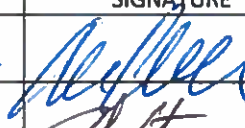
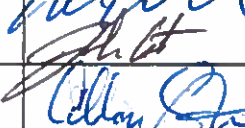

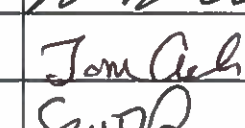
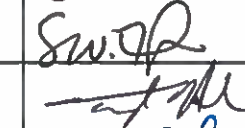
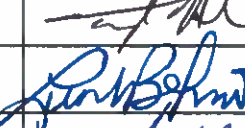
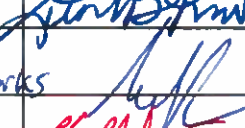
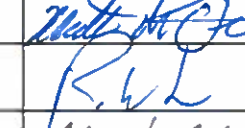
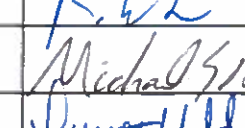
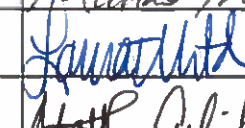
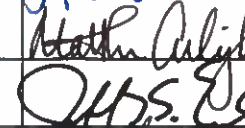

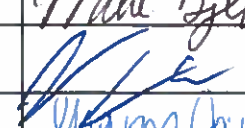




STP 5225 (005)

FD52 008 0536 010-014

LETTING: 10/28/2016

CALL #: 105

CONTRACT ID: 16-1263

NAME	BUSINESS NAME	SIGNATURE	E-MAIL
Alan Archambault	Eaton Asphalt		alan.archambault@kytnet.com
Josh Carter	John R. Jorgensen Co.		Josh.Carter@JRMnet.com
Al Streit	Eaton Asphalt		al.streit@ejnet.com
Daniel Elswick	Martin Contracting		daniel.elswick@martincontracting.net
CHAD CONLEY	HINKLE CONSTRUCTION SERVICES		chad.conley@hinkle-cs.com
Tom Acke	Forterra		tom.acke@forterreb.com
Sean Flora	CBT		sean.flora@cibell.com
Tyler Holden	RB South Inc.		holden.tyler@gmail.com
Leslie Bokart	CBT		leslie.bokart@cibell.com
David Neff	Boone Co. Public Works		D.Neff@BooneCountyKy.org
Randy Turner	KYTC - C.O.		randy.turner@ky.gov
MIKE O'BRYAN	SDI		MOBRYAN@SDI.org
MATT DOWLING	City of Union		CityAdministrator@CityofUnionKy.org
Robert L. Isuy	SDI		R.l.isuy@SDI.org
Spencer Stark	KYTC		SpencerStark@ky.gov
Laura Mitchell	KYTC		Laura.Mitchell@ky.gov
Matt Arlinghaus	KYTC D-6		Matt.arlinghaus@ky.gov
JEFF EARLYWINE	BOONE CO. F. CT.		JEFFEARLYWINE@BOONECOUNTYKY.org
MIKE BEZOLD	KYTC 06		milke.bezold@ky.gov
Joe Verst	SDI		jverst@sd1.org
Sharon James	KYTC D6 Environ.		sharon.james@ky.gov

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KYTC PRE-BID MEETING

10/17/2016 9:30

6-158.00

MT. ZION ROAD



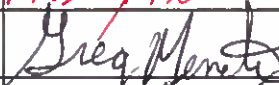
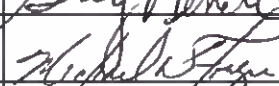
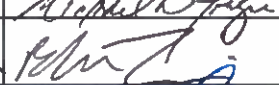















STP 5225 (005)

FD52 008 0536 010-014

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CALL #: 105

CONTRACT ID: 16-1263

NAME	BUSINESS NAME	SIGNATURE	E-MAIL
Bence Greer	Duke Gas		bence.greer@duke-energy.com
Rodney Krohman	Duke Gas		Rodney.Krohman@duke-energy.com
GREG MENETREY	DUKE GAS		GREG.MENETREY@duke-energy.com
MICHAEL W FRANZEN	DUKE ENERGY		MICHAEL.FRANZEN@duke-energy.com
Brandon Tarvin	Great Lakes Construction		btarvin@greatlakesway.com
JIM THOMAS	BLUEGRASS PAVING		JTHOMAS@bluegrasspaving.com
Shawn Green	THE WL HARPER CO.		sgreen@harperco.com
Brandon Phipps	Frederick & May Construction		bpfm.const@mrta.com
John Perkins	Duke Gas		john.perkins@duke-energy.com
Jim Snyder	Superior Concrete		astroke@superiorcc.com
Chad Baker	Barrett Paving		chad.baker@barrett paving.com
Bryan Mount	Barrett		bmount@barrett paving.com
BRAWON BRAY	BRAY		BBRAY@BRATTN.com
Rob Wietmarschen	Bray		rob.w@brayinc.com
ROGER WAFFORD	HILLTOP STONE		RWAFFORD@HILLTOPSTONE.COM
STEVE HULMANN	DUDLEY CONSTRUCTION		SHELLMANN.DUDLEY@TUSE.NET
Roger Cadle	PTUS Construction Co.		rcadle@PTUS.US
Harry Burchatt	ATS Const		hburchatt@atsconstruction.com
Sam Kaluzny	MAC Construction		sam.k@macconstruction.com
Greg Kreutzjans	GRW ENG.		g.kreutzjans@grwinc.com

GENERAL NOTES

SPECIFICATIONS

REFERENCES TO THE STANDARD SPECIFICATIONS ARE TO THE CURRENT EDITION OF THE KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION INCLUDING ANY SUPPLEMENTAL SPECIFICATIONS.

MATERIAL DESIGN SPECIFICATIONS

FOR CLASS 'AA' REINFORCED CONCRETE: $f'_c = 4,000$ PSI
STEEL REINFORCEMENT: $F_y = 60$ KSI

REINFORCEMENT

ALL REINFORCEMENT SHOWN ON THIS SHEET IS TO BE SIZE #5 AND EPOXY COATED IN ACCORDANCE WITH SECTION 811.0 OF THE STANDARD SPECIFICATIONS. USE STIRRUP BEND DIAMETERS FOR ALL BENT BARS.

STRAIGHT REINFORCEMENT IS TO BE LAPPED 2'-2" WHEN NECESSARY.

DIMENSIONS SHOWN FROM THE FACE OF CONCRETE TO BARS ARE TO CENTER OF BARS UNLESS OTHERWISE SHOWN. SPACING OF BARS IS FROM CENTER TO CENTER OF BARS. CLEAR DISTANCE TO FACE OF CONCRETE IS 2 INCHES UNLESS OTHERWISE NOTED.

COMPLETION OF THE STRUCTURE

THE CONTRACTOR IS REQUIRED TO COMPLETE THE STRUCTURE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. MATERIAL, LABOR OR CONSTRUCTION OPERATIONS, NOT OTHERWISE SPECIFIED, ARE TO BE INCLUDED IN THE BID ITEM MOST APPROPRIATE TO THE WORK INVOLVED. THIS MAY INCLUDE COFFERDAMS, SHORING, EXCAVATIONS, BACKFILLING, REMOVAL OF ALL OR PARTS OF EXISTING STRUCTURE, PHASE CONSTRUCTION, INCIDENTAL MATERIALS, LABOR, OR ANYTHING ELSE REQUIRED TO COMPLETE THE STRUCTURE.

ON-SITE INSPECTION

EACH CONTRACTOR SUBMITTING A BID FOR THIS WORK SHALL MAKE A THOROUGH INSPECTION OF THE PROJECT SITE PRIOR TO SUBMITTING A BID AND SHALL BE THOROUGHLY FAMILIARIZED WITH EXISTING CONDITIONS SO THAT WORK CAN BE EXPEDITIOUSLY PERFORMED AFTER A CONTRACT IS AWARDED. SUBMISSION OF A BID WILL BE CONSIDERED EVIDENCE OF THIS INSPECTION HAVING BEEN MADE. ANY CLAIMS RESULTING FROM SITE CONDITIONS WILL NOT BE HONORED BY THE DEPARTMENT OF HIGHWAYS.

BARRIER RAILING

PAINT ALL OF THE RAILING (BASE PLATE, ANCHOR BOLTS, VERTICAL SUPPORT, TUBING), EXISTING AND NEW, IN ACCORDANCE WITH 813.12.01 OF THE STANDARD SPECIFICATIONS, WITH THE FINAL COLOR BEING DARK GREEN, OR AS DIRECTED BY THE ENGINEER.

RAIL TUBING SHALL BE A500, CLASS B.

PROVIDE 1/4" END CAPS WELDED TO RAIL AT ALL TERMINATIONS.

SIDEWALK

BLAST CLEAN DECK AND EXISTING SIDEWALK AREA THAT IS TO BE OVERLAYED BY THE SIDEWALK CONCRETE ACCORDING TO 606.03.04 OF THE STANDARD SPECIFICATIONS.

DRILL AND GROUT BIR(e) BARS 3' INTO EXISTING DECK AND
SIDEWALK WITH AN APPROVED RESIN BONDING SYSTEM AS PER
SECTION 511 OF THE STANDARD SPECIFICATIONS.

SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH 505 OF THE STANDARD SPECIFICATIONS.

MEASUREMENT

THE LINEAR FOOT BID FOR THE SIDEWALK IS MEASURED ALONG THE ROADWAY GUTTERLINE. INCLUDE ALL ITEMS AND PROCESSES SHOWN BY THIS GENERAL NOTE IN THE BID ITEM, BRIDGE BARRIER RETROFIT.

EXISTING BRIDGE PLANS

FOR EXISTING BRIDGE PLANS, SEE DRWG. NO. 24619.

BONDING NEW CONCRETE TO PREVIOUSLY PLACED CONCRETE

NEW CONCRETE SHALL BE BONDED TO PREVIOUSLY PLACED (EXISTING) CONCRETE WITH AN EPOXY RESIN SYSTEM CONFORMING TO SECTION 826 OF THE CURRENT EDITION OF THE SPECIFICATIONS. THE EPOXY RESIN SYSTEM TO BE USED MUST BE ON THE DEPARTMENT'S "LIST OF APPROVED MATERIALS." THE COST OF THIS WORK, INCLUDING ALL LABOR, TOOLS, AND MATERIALS IS TO BE INCIDENTAL TO THE UNIT PRICE BID FOR BRIDGE BARRIER RETROFIT.

EPOXY SAND SLURRY

APPLY EPOXY SAND SLURRY TREATMENT AS SHOWN.

ESTIMATE OF QUANTITIES			
BID CODE	ITEM	QUANTITY	UNIT
23032EN	BRIDGE BARRIER RETROFIT	205.0	L.F.

